

INTERNATIONAL SEARCH REPORT

International Application No

IB2004/051192

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B1/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 237 222 A (ERICSSON TELEFON AB L M) 4 September 2002 (2002-09-04) page 3, line 37 - line 43 page 4, line 57 - page 5, line 6 page 5, line 48 - page 6, line 17 page 6, line 27 - page 7, line 32; figure 3a	1-12
A	US 6 385 438 B1 (LOTT URS ET AL) 7 May 2002 (2002-05-07) column 3, line 4 - line 32 column 4, line 40 - column 5, line 30 figures 2,3	1-12

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 October 2004

Date of mailing of the international search report

07/10/2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1237222	A	04-09-2002	EP 1237222 A1	04-09-2002
			WO 02069435 A1	06-09-2002
			US 2004092285 A1	13-05-2004
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			CN 1275839 A	06-12-2000
			JP 2000307303 A	02-11-2000